ABSTRACT

5

10

Compounds of formula I wherein: one of X or Y represents N and the other represents C; R_1 represents hydrogen, methyl, halogen, cyano, nitro, -CHO, -COCH₃ or -COOR₄; R_2 represents optionally-substituted aryl or heteroaryl; R_3 represents C_{1-8} alkyl, C_{1-8} haloalkyl or -NR₄R₆; R_4 represents hydrogen, C_{1-8} alkyl or aryl C_{0-8} alkyl; R_6 represents hydrogen, C_{1-8} alkyl, aryl C_{1-8} alkyl, -COR₈ or -COOR₈; R_8 represents C_{1-8} alkyl or C_{1-8} haloalkyl; aryl in the above definitions represents phenyl or naphthyl; and heteroaryl in the above definitions represents pyridine, pyrazine, pyrimidine or pyridazine, which can be optionally fused to a benzene ring. These compounds are useful as cyclooxygenase-2 inhibitors.

$$R_1$$
 R_2 R_2 R_3 R_4 R_2 R_4 R_5 R_5